

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/047,652A

1642

DATE: 07/14/98  
TIME: 12:17:09

INPUT SET: S27439.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

1  
2  
3 (1) General Information:  
4 (i) APPLICANT: Vassilios Papadopoulos  
5 Martine Culty  
6  
7 (ii) TITLE OF INVENTION: Peripheral-type Benzodiazepine Receptor:  
8 A Tool for Detection, Diagnosis, Prognosis, and Treatment of Cancer  
9  
10 (iii) NUMBER OF SEQUENCES: 3  
11  
12 (iv) CORRESPONDENCE ADDRESS:  
13 (A) ADDRESSEE: Pratt & Associates, Inc.  
14 (B) STREET: 10821 Hillbrooke Lane  
15 (C) CITY: Potomac  
16 (D) STATE: MARYLAND  
17 (E) COUNTRY: USA  
18 (F) ZIP: 20854  
19  
20 (v) COMPUTER READABLE FORM:  
21 (A) MEDIUM TYPE: Floppy disk  
22 (B) COMPUTER: Apple Macintosh  
23 (C) OPERATING SYSTEM: Macintosh 7.5  
24 (D) SOFTWARE: Microsoft Word 6.0  
25  
26 (vi) CURRENT APPLICATION DATA:  
27 (A) APPLICATION NUMBER: 09/047,652  
28 (B) FILING DATE: March 25, 1998  
29 (C) CLASSIFICATION:  
30  
31 (vii) PRIOR APPLICATION DATA:  
32 (A) APPLICATION NUMBER:  
33 (B) FILING DATE:  
34  
35 (viii) ATTORNEY/AGENT INFORMATION:  
36 (A) NAME: Sana A. Pratt  
37 (B) REGISTRATION NUMBER: 39,441  
38 (C) REFERENCE/DOCKET NUMBER: 009/064/SAP  
39  
40 (ix) TELECOMMUNICATION INFORMATION  
41 (A) TELEPHONE: (301)294-9171  
42 (B) TELEFAX: (301)294-7357  
43  
44 (2) INFORMATION FOR SEQ ID NO:1:  
45  
46 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/047,652ADATE: 07/14/98  
TIME: 12:17:10

INPUT SET: S27439.raw

47 (A) LENGTH: 652 base pairs  
48 (B) TYPE: Nucleic acid  
49 (C) STRANDEDNESS: Single  
50 (D) TOPOLOGY: Linear  
51  
52 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
53  
54 CCACGGCGAA GGTCTCCGCT GGTACGCCGG CCTGCAGAAG 40  
55 CCCTCGTGGC ACCCGCCCCA CTGGGTGCTG GGCCCTGTCT 80  
56 GGGGCACGCT CTACTCAGCC ATGGGGTACG GCTCCTACCT 120  
57 GGTCTGGAAG GAGCTGGGAG GCTTCACAGA GAAGGCTGTG 160  
58 GTTCCCCCTGG GCCTCTACAC TGGGCAGCTG GCCCTGAACT 200  
59 GGGCATGGCC CCCCATCTTC TTTGGTGCCC GACAAATGGG 240  
60 CTGGGCGCTTG GTGGATCTCC TGCTGGTCAG TGGGGCGGCG 280  
61 GCAGCCACTA CCGTGGCCTG GTACCAGGTG AGCCCGCTGG 320  
62 CCGCCCGCCT GCTCTACCCC TACCTGGCCT GGCTGGCCTT 360  
63 CACGACCACA CTCAACTACT GCGTATGGCG GGACAACCAT 400  
64 GGCTGGCGTG GGGGACGGCG GCTGCCAGAG TGAGTGCCCG 440  
65 GCCCACCAGG GACTGCAGCT GCACCAGCAG GTGCCATCAC 480  
66 GCTTGTGATG TGGTGGCCGT CACGCTTTCA TGACCACTGG 520  
67 GCCTGCTAGT CTGTCAGGGC CTTGGCCCAG GGGTCAGCAG 560  
68 AGCTTCAGAG GTGGCCCCAC CTGAGCCCCC ACCCGGGAGC 600  
69 AGTGTCTGT GCTTTCTGCA TGCTTAGAGC ATGTTCTTGG 640  
70 AACATGGAAT TT 652  
71 (2) INFORMATION FOR SEQ ID NO:2:  
72  
73 (i) SEQUENCE CHARACTERISTICS:  
74 (A) LENGTH: 652 base pairs  
75 (B) TYPE: Nucleic acid  
76 (C) STRANDEDNESS: Single  
77 (D) TOPOLOGY: Linear  
78  
79 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
80  
81 CCACGGCGAG GGTCTCCGCT GGTACGCCGG CCTGCAGAAG 40  
82 CCCTCGTGGC ACCCGCCCCA CTGGGTGCTG GGCCCTGTCT 80  
83 GGGGCACGCT CTACTCAGCC ATGGGGTACG GCTCCTACCT 120  
84 GGTCTGGAAG GAGCTGGGAG GCTTCACAGA GAAGGCTGTG 160  
85 GTTCCCCCTGG GCCTCTACAC TGGGCAGCTG GCCCTGAACT 200  
86 GGGCATGGCC CCCCATCTTC TTTGGTGCCC GACAAATGGG 240  
87 CTGGGCGCTTG GTGGATCTCC TGCTGGTCAG TGGGGCGGCG 280  
88 GCAGCCACTA CCGTGGCCTG GTACCAGGTG AGCCCGCTGG 320  
89 CCGCCCGCCT GCTCTACCCC TACCTGGCCT GGCTGGCCTT 360  
90 CACGACCACA CTCAACTACT GCGTATGGCG GGACAACCAT 400  
91 GGCTGGCGTG GGGGACGGCG GCTGCCAGAG TGAGTGCCCG 440  
92 GCCCACCAGG GACTGCAGCT GCACCAGCAG GTGCCATCAC 480  
93 GCTTGTGATG TGGTGGCCGT CACGCTTTCA TGACCACTGG 520  
94 GCCTGCTAGT CTGTCAGGGC CTTGGCCCAG GGGTCAGCAG 560  
95 AGCTTCAGAG GTGGCCCCAC CTGAGCCCCC ACCCGGGAGC 600  
96 AGTGTCTGT GCTTTCTGCA TGCTTAGAGC ATGTTCTTGG 640  
97 AACATGGAAT TT 652  
98  
99 (2) INFORMATION FOR SEQ ID NO:3:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/047,652ADATE: 07/14/98  
TIME: 12:17:11

INPUT SET: S27439.raw

100  
101 (i) SEQUENCE CHARACTERISTICS:  
102 (A) LENGTH: 169 amino acids  
103 (B) TYPE: amino acid  
104 (D) TOPOLOGY: Linear  
105  
106 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
107 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
108 1 5 10  
109  
110 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
111 15 20  
112  
113 Xaa Xaa Xaa Xaa Xaa Xaa His Gly Glu Gly  
114 25 30  
115  
116 Leu Arg Trp Tyr Ala Gly Leu Gln Lys Pro  
117 35 40  
118  
119 Ser Trp His Pro Pro His Trp Val Leu Gly  
120 45 50  
121  
122 Pro Val Trp Gly Thr Leu Tyr Ser Ala Met  
123 55 60  
124  
125 Gly Tyr Gly Ser Tyr Leu Val Trp Lys Glu  
126 65 70  
127  
128 Leu Gly Gly Phe Thr Glu Lys Ala Val Val  
129 75 80  
130  
131 Pro Leu Gly Leu Tyr Thr Gly Gln Leu Ala  
132 85 90  
133  
134 Leu Asn Trp Ala Trp Pro Pro Ile Phe Phe  
135 95 100  
136  
137 Gly Ala Arg Gln Met Gly Trp Ala Leu Val  
138 105 110  
139  
140 Asp Leu Leu Leu Val Ser Gly Ala Ala Ala  
141 115 120  
142  
143 Ala Thr Thr Val Ala Trp Tyr Gln Val Ser  
144 125 130  
145  
146 Pro Leu Ala Ala Arg Leu Leu Tyr Pro Tyr  
147 135 140  
148  
149 Leu Ala Trp Leu Ala Phe Thr Thr Thr Leu  
150 145 150  
151  
152 Asn Tyr Cys Val Trp Arg Asp Asn His Gly

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/047,652A**

**INPUT SET: S27439.raw**

```

153                               155                               160
154
155   Trp Arg Gly Gly Arg Arg Leu Pro Glu
156                               165
157
158
159

```

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/047,652A**

DATE: 07/14/98  
TIME: 12:17:12

*INPUT SET: S27439.raw*

Line

Error

Original Text